

# Factors, Primes, and Composites

Tell whether each number is *prime* or *composite*.

- |             |             |             |             |
|-------------|-------------|-------------|-------------|
| 1. 13 _____ | 2. 18 _____ | 3. 31 _____ | 4. 32 _____ |
| 5. 45 _____ | 6. 53 _____ | 7. 72 _____ | 8. 81 _____ |

Write the factors of each number.

- |               |              |              |
|---------------|--------------|--------------|
| 9. 8 _____    | 10. 15 _____ | 11. 10 _____ |
| 12. 24 _____  | 13. 35 _____ | 14. 28 _____ |
| _____         |              |              |
| 15. 100 _____ | 16. 65 _____ | 17. 50 _____ |
| _____         |              |              |
| 18. 34 _____  | 19. 40 _____ | 20. 77 _____ |
| _____         |              |              |
| 21. 84 _____  | 22. 45 _____ | 23. 46 _____ |
| _____         |              |              |

## Mixed Applications

- |                                                                                                                          |                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24. The sum of two numbers is 12. One number is prime, and the other number is composite. What are the numbers?<br>_____ | 25. Danny has 48 flowers to plant in his garden. If each row in his garden must have the same number of flowers, what different arrangements can Danny make?<br>_____<br>_____ |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NUMBER SENSE

- |                                                        |                                                        |
|--------------------------------------------------------|--------------------------------------------------------|
| 26. Name the greatest prime number less than 50. _____ | 27. Name the least prime number greater than 50. _____ |
|--------------------------------------------------------|--------------------------------------------------------|